

### Abstract Of The Disclosure

5 According to a method for generating a system time clock in a receiving device for digital packetized elementary data streams (E), the packetized elementary data streams (E) being generated in a transmitting device by sampling at a sampling frequency ( $f_{\text{sample}}$ ) synchronized by a system time clock of the transmitting device, the sampling frequency ( $f_{\text{sample}}$ ) of one data stream is determined in the receiving device, and the program clock reference counter is synchronized with the data stream's sampling frequency.